CS 9760.342

Direct Air Cooling (DAC) systems

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CS 9760.342 - Direct Air Cooling (DAC) systems for multifunctional enclosures

Roof-mounted Direct Air Cooler for installation in a multifunctional enclosure (MFC). The product compensates very efficiently for high heat losses with a low delta T in the multifunctional enclosure. It uses a highly effective pleated filter to filter ambient air and route it into the multifunctional enclosure, while the heated interior air escapes via a non-return valve. The Direct Air Cooling system (DAC) is fully integrated into the roof of the multifunctional enclosure and thus protected against vandalism.

Features

Model No.	CS 9760.342
Material	Enclosure: Aluminium AlMg3
Colour	RAL 7035
Supply includes	12-pole WAGO connector
Specific thermal output	110 W/K
Rated operating voltage	48 V (DC)
Rated current max.	per fan with DC: 1.8 A
Type of electrical connection	12-pole WAGO connector
Dimensions	Width: 875 mm Height: 125 mm Depth: 313 mm
Note	Characteristic curve and alarms configurable via PC software CS200. The software is available in the download area on the Rittal website. The connection cable must be provided by the customer.
No. of fans	1

Features

Pre-fuse	Miniature circuit-breaker/fuse: 6 A
Temperature control	Microcontroller with USB connection
Operating temperature range	-33 °C...65 °C
IP protection category to IEC 60 529	IP 54 IP 55 (conjunction with multifunctional enclosure)
To fit Model No.	9751.908 9751.912 9751.918
To fit	MFC 8 MFC 12 MFC 18
Packs of	1 pc(s).
Net weight	9.124
Gross weight	9.66
Customs tariff number	84145915
ETIM 9	EC000320